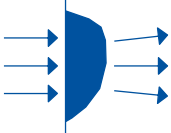


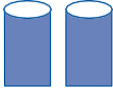


Gelest® OE 39 1.39 Refractive Index 2-Part Silicone RTV Elastomer (1:1 kit)

	Refractive Index	Thickness	Cure	Hardness	Type
			Pt		
Capsular Description:	low	thick	catalyst	medium	100% active 2-part

Description

Gelest® OE 39 is an optically clear cladding, encapsulation, and coating compound. The product is formulated to resist swelling from hydrocarbons. Gelest® OE 39 can be used in applications with splash exposure to solvents, gasoline, and jet fuels. This product can also be used to fabricate acoustic lenses. The moderate viscosity and relatively low cure temperature make Gelest® OE 39 useful in laboratory prototyping and production run applications.

Cured Properties

Refractive Index (25°C)	1.39
Tensile Strength	0.10 MPa
Elongation	212%
Durometer, Shore A	13
Specific Gravity	1.13

Uncured Properties of Gelest® OE 39

Viscosity (1:1) catalyzed: 4163 cP
 Part A: 4327 cP
 Part B: 3772 cP

Application Methods

Thoroughly mix Part A with Part B in a 1:1 ratio. Mix and de-air under vacuum as necessary. The pot-life is 2 hours at 25°C. Pot-life may be extended by storing at 5°C. Pour into mold or apply to substrate. Avoid entrapping air. Cure at 80°C for 2 hours.

Standard Packaging

PP2-OE39 Gelest® OE 39
 200 g kit (100g OE39-A, 100g OE-B): \$290.00

